

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Docket No.: 153501-0091	Application No.: 09/689,577
FORM PTO-1449		Applicant: Edward Edelman	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date: October 12, 2000	Group: 2834
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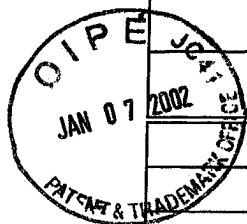
U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
	Re. 30,589	4/1981	Park	60	652	
	2,163,140	06/20/39	Coleman et al	172	8	
	2,917,635	12/15/59	Bloom	290	30	
	2,920,211	01/05/60	Gotōh	290	30	
	3,041,833	07/03/62	Vore	60	39.09	
	3,151,250	09/29/64	Carlson	290	52	
	3,221,172	11/30/65	Rollison	290	4	
	3,591,844	07/19/71	Schonebeck	290	31	
	3,611,717	10/12/71	Tissier	60	39.281	
	3,621,365	11/16/71	Beck et al	321	27R	
	3,651,331	03/21/72	Racber	307	84	
	3,663,948	05/16/72	Nagae et al	323	8	
	3,675,037	07/04/72	Hamilton	307	51	
	3,678,284	07/18/72	Peters	290	1	
	3,703,663	11/21/72	Wagner	317	13R	
	3,718,837	02/1973	Yokota et al	317	13R	
	3,775,649	11/27/73	Bayer et al	318	188	
	3,805,517	04/23/74	Sewell et al	60	39.09	
	3,806,785	04/23/74	DeValroger et al	318	254	
	3,830,055	08/20/74	Erlund	60	39.09R	
	3,846,693	11/05/74	Compoly et al	321	012	
	3,867,846	02/1975	Cambern	74	41	
	3,908,130	09/1975	Lafuze	290	46	
	3,930,367	01/1976	Gasparoli	60	39.18B	
	3,986,038	10/12/76		307	47	
	4,017,790	04/12/77	Friedlander	323	110	
	4,019,315	04/26/77	Yamone et al	60	39.03	
	4,021,704	05/03/77	Norbeck	361	77	
	4,033,115	07/05/77	Baits	60	39.09R	

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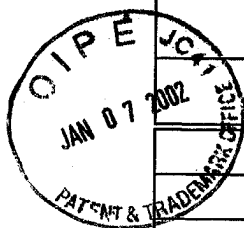
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	4,626,761	12/02/86	Blaschke	318	803	
	4,631,954	12/1986	Milfs	73	152.61	
	4,633,157	12/1986	Streeter	318	723	
	4,647,834	03/03/87	Castleman	320	43	
	4,680,691	07/14/87	Yoshino et al	363	51	
	4,684,875	08/04/87	Powell	323	204	
	4,698,577	10/06/87	Seymour et al	318	805	
	4,731,547	03/15/88	Alenduff	307	85	
	4,733,341	03/22/88	Miyazawa	363	71	
	4,763,058	08/09/88	Heining et al	318	807	
	4,764,712	08/16/88	Blaschke et al	318	778	
	4,788,873	12/1988	Laney	74	41	
	4,827,152	05/02/89	Farkas	307	68	
	4,845,418	07/04/89	Conner	318	778	
	4,885,519	12/05/89	Vogelmann	318	800	
	4,897,994	02/06/90	Shekleton	60	39.06	
	4,924,170	05/08/90	Henze	323	272	
	4,926,105	05/15/90	Mischenko et al	318	800	
	4,994,981	12/19/91	Walker et al	364	492	
	5,053,635	10/01/91	West	307	67	
	5,084,825	01/28/92	Kelly	364	507	
	5,099,408	03/24/92	Chen et al	363	41	
	5,166,595	11/24/92	Leverich	320	32	
	5,166,597	11/24/92	Larsen et al	323	215	
	5,168,208	12/01/92	Schultz et al	322	25	
	5,177,676	01/05/93	Inam et al	363	80	
	5,191,519	03/02/93	Kawakami	363	71	
	5,194,801	03/16/93	Rozman	322	28	
	5,204,595	04/1993	Opal et al	318	430	
	5,206,802	04/27/93	Blasko	363	41	
	5,230,607	07/1993	Mann	417	12	
	5,257,180	10/26/93	Shashida et al	363	71	
	5,262,677	11/16/93	Ramirez	307	105	

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4,062,185	12/13/77	Snow	60	204			
4,062,186	12/13/77	Snow et al	60	226R			
4,069,424	01/17/78	Burkett	307	87			
4,071,897	01/1978	Groves, Jr. et al	364	494			
4,087,711	05/02/78	Kirtley, Jr. et al	310	184			
4,114,048	09/12/78	Hull et al	307	53			
4,118,926	10/10/78	Curvino et al.	60	39.06			
4,144,482	3/13/79	Schwab	318	381			
4,149,233	04/10/79	Nagano	363	71			
4,164,661	08/14/79	Hucker et al	307	57			
4,195,231	03/25/80	Reed et al	290	40R			
4,245,163	01/13/81	Philippe	290	52			
4,262,209	04/14/81	Berner	290	7			
4,270,165	05/26/81	Carpenter et al	363	65			
4,276,590	06/30/81	Hansel et al	363	71			
4,305,129	12/08/81	Yannone et al	364	492			
4,340,820	07/1982	Meyer-Pitroff et al	290	40R			
4,346,304	08/24/82	Tsunoda et al	290	52			
4,349,744	09/14/82	Reuther et al	290	40			
4,361,791	11/1982	Plunkett	318	723			
4,413,676	11/1983	Kervin	166	53			
4,414,804	11/15/83	Menard et al.	60	39.141			
4,425,613	01/10/84	Shelly	363	26			
4,447,787	05/08/84	Schwesig et al	318	803			
4,450,363	02/1973	Russell et al	290	40C			
4,460,834	07/17/84	Gottfried	307	64			
4,467,216	08/21/84	Murphy	290	43			
4,469,954	09/04/84	Maehara	290	1A			
4,508,487	4/1985	Taylor et al	417	12			
4,532,761	08/06/85		60	39.13			
4,590,416	05/20/86	Porche et al	323	205			
4,597,037	06/24/86	Okado	363	41			
4,597,259	07/01/86	Moore et al	60	39.091			



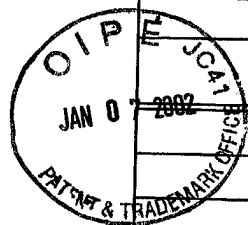
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	5,302,906	04/12/94	Lerch	324	650	
	5,321,308	06/14/94	Johncock	290	40C	
	5,327,718	07/19/94	Iwata et al	60	39.03	
	5,336,991	08/09/94	Atherton et al	324	142	
	5,390,068	02/14/95	Schultz et al	361	95	
	5,408,821	04/25/95	Romero	60	390.02	
	5,420,782	05/30/95	Luce et al	363	109	
	5,427,455	06/27/95	Bosley	384	106	
	5,436,507	07/25/95	Brown et al	290	52	
	5,436,512	07/25/95	Inam et al	307	58	
	5,438,694	08/01/95	Muri et al	455	341	
	5,440,221	08/08/95	Landau	320	22	
	5,442,907	08/22/95	Asquith et al	60	39.06	
	5,450,306	09/12/95	Garees et al	363	41	
	5,452,574	09/26/95	Cowell et al	60	39.23	
	5,483,147	01/09/96	Ilic et al	322	25	
	5,497,615	03/12/96	Noe et al	60	39.511	
	5,523,937	06/19/96	Kahkipuro	363	371	
	5,529,398	06/15/96	Bosley	384	105	
	5,550,450	08/27/96	Palko et al	318	800	
	5,572,097	11/19/96	Cameron	318	254	
	5,592,067	01/07/97	Peter	320	15	
	5,594,320	01/14/97	Pacholok	320	4	
	5,596,492	01/21/97	Divan et al	363	95	
	5,610,500	03/11/97	Giberson	322	100	
	5,610,501	03/11/97	Nelson et al	323	207	
	5,610,500	03/11/97	Giberson	322	100	
	5,610,834	03/11/97	Schleuter	364	492	
	5,632,143	2/2000	Fisher	60	39.182	
	5,635,768	06/03/97	Birch	290	40C	
	5,635,773	06/03/97	Stuart	307	66	
	5,642,007	06/24/97	Gyugyi et al	307	102	
	5,644,209	07/01/97	Chabbert	320	15	

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5,666,041	09/09/97	Stuart	320	15			
5,734,257	03/31/98	Schauder et al	323	207			
5,735,116	04/07/98	Mouton	60	39.091			
5,745,356	04/28/98	Tassitino, Jr. et al	363	71			
5,752,380	05/19/98	Bosley et al	60	39.281			
5,757,634	05/26/98	Ferens	363	72			
5,764,024	06/09/98	Wilson	318	805			
5,767,660	06/16/98	Schmidt	320	140			
5,799,484	09/1998	Nims	60	39.15			
5,806,299	09/1998	Bauermeister et al	60	39.06			
5,819,524	10/13/98	Bosley	60	39.465			
5,827,040	10/27/98	Bosley et al	415	106			
5,845,483	12/08/98	Petrowicz	60	39.142			
5,850,732	12/22/98	Willis et al	60	39.36			
5,860,279	1/1999	Bronicki et al	60	655			
5,867,380	02/02/99	Lee	363	98			
5,872,710	02/16/99	Kameyama	363	95			
5,896,736	04/1999	Rajamani	60	39.03			
5,899,673	05/04/99	Bosley	417	423.14			
5,903,116	05/11/99	Gels	318	140			
5,915,841	06/1999	Weissert	384	104			
5,918,985	07/06/99	Bosley	384	106			
5,936,370	08/1999	Fukao et al	318	652			
5,965,996	10/12/99	Arledge	320	116			
5,966,926	10/1999	Shekleton et al	60	39.094			
5,982,143	11/09/99	Stuart	320	119			
6,018,200	01/25/00	Anderson	290	40B			
6,020,713	2/2000	Geis et al	318	801			
6,023,135	2/2000	Gilbreth et al	318	140			
6,031,294	02/29/00	Geis et al	290	52			
6,032,459	03/07/00	Skowronski	60	39.511			
6,093,975	07/25/00	Peticolas	290	52			
6,055,163	04/25/00	Wagner et al	363	37			



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	6,093,975	7/2000	Peticolas	290	52		
	6,104,153	08/2000	Codilian et al				
	6,169,334	01/2001	Edelman	290	52		
	6,274,945	8/14/2001	Gilbreth et al.	290	52		
	6,281,601	8/28/2001	Edelman, et al	307	29		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
xx	535382	04/07/93	EPC				
xx	12219	06/25/80	EPC				
xx	2007926	05/23/79	Great Britain				
xx	742356A2	11/13/96	EPC				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
xx	"Control Requirements for the RB 211 Low Emission Combustion System", <u>The American Society of Mechanical Engineers</u> , May 24-27, 1993.						
xx	"Pumping Unit Geometry vs. Prime Mover Speed Variation as a Method of Torsional Reduction in a Beam and Sucker Rod Pumping System," J. P. Byrd, <u>Society of Petroleum Engineers Production Technology Symposium</u> , Nov. 14-15, 1983, SPE 12362						
xx	"Utility of Motor Speed Measurements in Pumping Well Analysis and Control", S. G. Gibbs, <u>Society of Petroleum Engineers</u> , 59th Annual Tech. Conf. and Exh., Sept. 16-19, 1984, SPE 13198						
xx	"Study of the Cyclical Performance of Berm Pump Motors", J. F. Lea et al., <u>Society of Petroleum Engineers Production Operations Symposium</u> , March 13-14, 1989, SPE 18827						
xx	"Power Savings and Load Reductions on Sucker Rod Pumping Wells", A. B. Neely et al., 64th Annual Technical Conf. and Exhibition of the Society of Petroleum Engineers, October 8-11, 1989, SPE 19715						
xx	"Field Testing of Variable-Speed Beam-Pump Computer Control", C. G. Guffey, et al, <u>Society of Petroleum Engineers Production Engineering</u> , May 1991, pages 155-160.						
EXAMINER <i>Julio Gonzalez</i>				DATE CONSIDERED <i>02/08/02</i>			
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